

**WEST**

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Oct 5, 1988

DERWENT-ACC-NO: 1988-280168  
DERWENT-WEEK: 198840  
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TITLE: Canned pet foods - contg. high-meat, high-fat pieces, with flowable transparent gravy

INVENTOR: BAKER, G J; BANSAL, A K ; KONIECZKA, J L ; KUNTZ, D A

PATENT-ASSIGNEE:

ASSIGNEE

CODE

QUAKER OATS CO

QUAK

PRIORITY-DATA: 1987US-0033347 (March 31, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 285409 A	October 5, 1988	E	011	
DE 3885638 G	December 23, 1993		000	A23K001/18
EP 285409 B1	November 18, 1993	E	012	A23K001/18
US 4791002 A	December 13, 1988		009	
US 4895731 A	January 23, 1990		000	

DESIGNATED-STATES: BE DE FR GB NL BE DE FR GB NL

CITED-DOCUMENTS:A3...9035; AU 495306 ; CA 892505 ; No-SR.Pub ; US 3898345

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 285409A	March 30, 1988	1988EP-0302871	
DE 3885638G	March 30, 1988	1988DE-3885638	
DE 3885638G	March 30, 1988	1988EP-0302871	
DE 3885638G		EP 285409	Based on
EP 285409B1	March 30, 1988	1988EP-0302871	
US 4791002A	March 31, 1987	1987US-0033347	
US 4895731A	September 13, 1988	1988US-0243953	

INT-CL (IPC): A23J 1/06; A23K 1/10; A23K 1/18; A23L 1/31; B65B 25/06; B65B 55/18

ABSTRACTED-PUB-NO: EP 285409A

BASIC-ABSTRACT:

Canned pet food comprises sliced meaty pieces (I) in a transparent, free-flowing gravy that is free of visible fat, and which imparts a high sheen to (I). (I) have fat content above 2%, comprise at least 75% meat-derived ingredients, and contain sufficient liver, soybean flour, and blood plasma to provide resilience and bind the fat.

ADVANTAGE - The pet food is nutritionally balanced, highly palatable, and visually appealing. In addn., the meaty pieces show high integrity, while the transparent gravy flows from the can. The pet food may be prepd. on a commercial scale.

ABSTRACTED-PUB-NO:

EP 285409B

## EQUIVALENT-ABSTRACTS:

A process of preparing a canned pet food comprising preparing a slurry by grinding a mixt. comprising liver and other meat and meat by-products, and incorporating therein a binder, subjecting the slurry to agitation and cutting sufficient to produce a meat emulsion, forming the meat emulsion, heating the formed emulsion, feeding thus formed meaty pieces into a can with a gravy and closing and retorting the can, characterised in that liver is provided in an amt. from 15-40% by wt. of the meaty pieces, the binder includes at least 3% soybean flour and at least 2% dried blood plasma by wt. of the meaty pieces, the meaty pieces have a total fat content of at least 2% and a total meat content of at least 75% and the forming step comprises forming the meat emulsion into a sheet, the sheet being cut into discrete meaty pieces after being heated to an internal temp. of at least 76.67 deg.C (170 deg).

US 4791002A

Canned pet food comprising resilient meaty slices in a free-flowing gravy is prepd. from a slurry prepd. by grinding a mixt. of liver and other meat (by-prods.) and incorporating a binder comprising soybean flour and dry blood plasma to 2 wt.% or more total fat content and 75 wt.% total meat content including 15-40 wt.% liver. Process comprises (a) agitating and cutting slurry to form a meat emulsion; (b) forming a sheet of emulsion; (c) heating to 170 deg.F or more internal temp.; (d) cutting sheet into discrete meaty pieces; (e) feeding these and a clear free-flowing gravy into a can; and (f) closing and retorting it. ADVANTAGE - Has high integrity and sheet with no visible fat in the gravy.

(9pp)

US 4895731A

A nutritionally-balanced, highly-palatable and visually appealing canned pet food comprises (a) sliced meaty pieces with a fat content of greater than 2%, at least 75% meat-derived ingredients, and at least 10% liver, at least 3% defatted soybean flour and at least 2% blood plasma to provide resilience and bind the fat; and (b) a transparent, free flowing gravy which is free of visible fat and imparts a high sheen to the meaty pieces.

CHOSEN-DRAWING: Dwg.0/2 Dwg.1/2

TITLE-TER MS: CAN PET FOOD CONTAIN HIGH MEAT HIGH FAT PIECE FLOW TRANSPARENT GRAVY

DERWENT-CLASS: C03 D13 Q31

CPI-CODES: C04-A07D2; C04-B04A3; C04-B04D4; C12-J01; C12-L09; D03-G03;

CHEMICAL-CODES:

Chemical Indexing M1 \*01\*

Fragmentation Code

M423 M431 M782 M903 Q212 V600 V643 V644

Registry Numbers

3102R 1678D

Chemical Indexing M1 \*02\*

Fragmentation Code

M423 M431 M782 M903 Q212 V400 V404

Registry Numbers

3102R 1678D

Chemical Indexing M1 \*03\*

Fragmentation Code

M423 M431 M782 M903 Q212 V600 V614

Registry Numbers

3102R 1678D

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1988-124719

Non-CPI Secondary Accession Numbers: N1988-212650